

ABSTRACT OF THE DISCLOSURE

A differential for motor vehicles installed between two half-shafts on which two drive wheels are keyed includes a box driven by the engine by a connecting element which causes it to rotate about axes of the half-shafts, on free ends of the latter there being keyed two bevel gears housed inside the box, the differential and the half-shafts being contained inside a casing. Each of the flanges through which the half-shafts penetrate into the box has a cylindrical extension outwards, with grooves which are complementary with respect to other grooves formed on the surface of a coaxial cavity formed in a sleeve slidable coaxially on each half-shaft and rotationally locked thereto, mounted inside the casing and provided with an element which causes it to slide in the two directions causing engagement between the grooves or disengagement thereof, locking together the box and the half-shafts or performing disengagement thereof.

APPENDIX:

The Appendix includes the following item(s):

- ☒ - a new or amended Abstract of the Disclosure
- ☒ - a Replacement Sheet for Figure 1 of the drawings
- ☐ - a Substitute Specification and a marked-up copy of the originally-filed specification
- ☐ - a terminal disclaimer
- ☐ - a 37 CFR 1.132 Declaration
- ☐ - a verified English translation of foreign priority document